

Mr. Craig Charles
Indiana Steel and Wire Acquisition Company, Ltd.
2200 East Jackson Street
Muncie, IN 47303

Re: AAT 035-10834-00048
Third Administrative Amendment to
Part 70 T035-6570-00048

Dear Mr. Charles:

Indiana Steel and Wire Acquisition Company, Ltd. (IS&W) was issued Part 70 Operating Permit T035-6570-00048 on September 24, 1998 to operate a stationary steel wire and cable manufacturing source. First and Second Administrative Amendments to the Part 70 Operating Permit were issued on March 8, 1999 and April 5, 1999, respectively. A letter requesting a third administrative change to the Part 70 Operating Permit was received on March 30, 1999. The letter requested approval for a new natural gas fired heat treating furnace, equipped with seven (7) burners and rated at a total of 3.26 million British thermal units per hour (MMBtu/hr) of heat input. The new furnace would be installed onto the existing #1 Galvanizing Line to allow for the processing of wire with two different heat specifications. There will be no increase in the 1.79 tons of steel wire per hour capacity of the #1 Galvanizing Line. The potential uncontrolled emissions from natural gas combustion in the proposed furnace are shown in the attached spreadsheet (page 1 of 1).

Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended to acknowledge the installation of one (1) natural gas fired heat treating furnace, equipped with seven (7) burners and rated at a total of 3.26 million British thermal units per hour (MMBtu/hr) of heat input, onto the #1 Galvanizing Line. Because the furnace is an insignificant activity pursuant to 326 IAC 2-7-1 (21), and it is not specifically regulated, no change will be made to Part 70 Operating Permit T035-6570-00048 other than the cover page.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit cover page to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Michael Hirtler at (973) 575-2555, extension 3229, or at (800) 451-6027.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Emissions Calculation Attachment
MH / EVP

cc: U.S. EPA, Region V
File - Delaware County
Delaware County Health Department
Air Compliance Section 1 - Jim Thorpe
Compliance Data Section - Jerri Curless
Administrative and Development - Janet Mobley
Technical Support and Modeling - Nancy Landau

**PART 70 OPERATING PERMIT
and ENHANCED NEW SOURCE REVIEW
OFFICE OF AIR MANAGEMENT**

**Indiana Steel and Wire Acquisition Company, Ltd.
2200 East Jackson Street
Muncie, Indiana 47303**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T035-6570-00048	
Original Issued by: Felicia R. George, Assistant Commissioner Office of Air Management	Issuance Date: September 24, 1998

First Administrative Amendment AAT035-10506, issued on March 8, 1999
Second Administrative Amendment AAT035-10797, issued on April 5, 1999

Third Administrative Amendment: AAT035-10834	Pages Affected: Cover page
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Issued by:
Paul Dubenetzky, Branch Chief
Office of Air Management

Issuance Date:

Appendix A: Emission Calculations
Natural Gas Combustion-Process Units

Company Name: Indiana Steel & Wire
Address City IN Zip: 2200 East Jackson Street, Muncie, IN 47303
Third Administrative Amendment No.: AAT035-10834-00048
Part 70 No.: T035-6570-00048
Reviewer: Michael Hirtler / EVP
Date: April 5, 1999

Combustion Unit	Total Capacity MMBtu/hr	Potential Thruput MMCF/yr	Emission Factor in lb/MMCF						Potential Emission Rate in tons/year					
			PM	PM10	SO2	NOx	VOC	CO	PM	PM10	SO2	NOx	VOC	CO
New Heat Treating Furnace														
#1 Galvanizing Line	3.26	28.56	7.6	7.6	0.6	100.0	5.5	84.0	0.11	0.11	0.01	1.43	0.08	1.20
Potential to Emit (tons/yr)									0.11	0.11	0.01	1.43	0.08	1.20

Methodology

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

PM emission factors are condensable and filterable.

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1 and 1.4-2, SCC #1-02-006-02, 1-01-006-02, and 1-03-006-03 (Supplement D, 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton